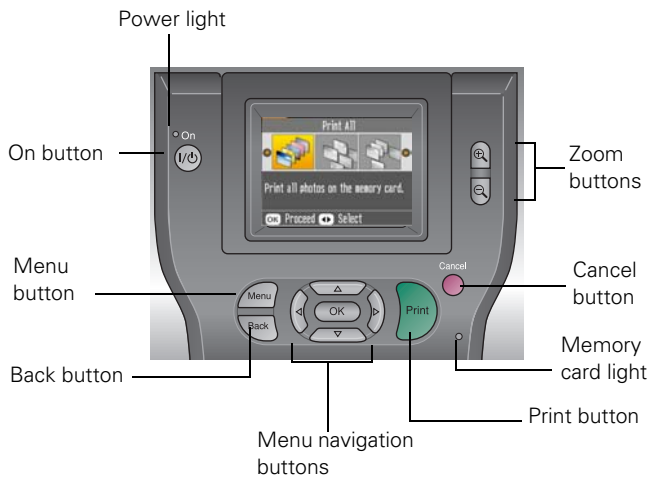


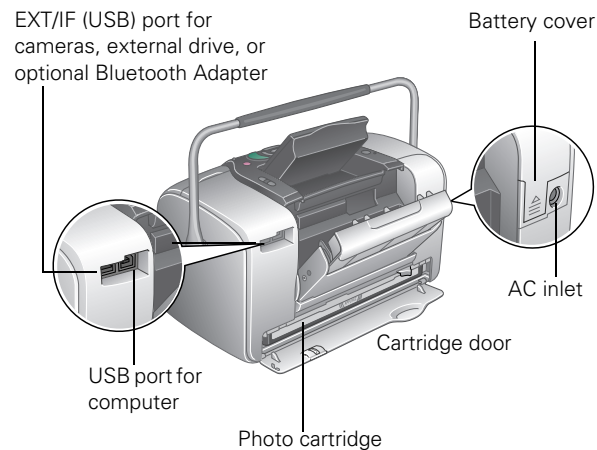
Printer Parts



Control Panel



Front



Back

Accessories

PictureMate Print Pack (part# T5570)

Includes 100 sheets of PictureMate Photo Paper and a PictureMate Photo Cartridge

PictureMate Deluxe Viewer Edition Rechargeable Battery (part# C12C831074)

Enables printing outdoors or in other places without convenient electrical outlets

PictureMate Deluxe Viewer Edition Carrying Case

Soft case that holds PictureMate, power cable, extra PictureMate Print Pack, and more

Epson Bluetooth Photo Print Adapter (part# C12C824142)

Allows printing wirelessly from Bluetooth-enabled cell phones, PDAs, or computers to PictureMate

Printer Specifications

Printing

Nozzle configuration	90 nozzles × 6: yellow, magenta, cyan, photo black, red, blue
Print direction	Bidirectional with logic seeking
Control code	ESC/P Raster, EPSON Remote command
Input buffer	64KB

Mechanical

Paper capacity	20 sheets
Dimensions	
Storage	Width: 10.0 inches (256 mm) Depth: 6.1 inches (154 mm) Height: 6.6 inches (167 mm)
Printing	Width: 10.0 inches (256 mm) Depth: 12.0 inches (305 mm) Height: 6.6 inches (167 mm)
Weight	6.2 lb (2.8 kg) without photo cartridge or battery

Electrical

	Normal operation	When charging optional battery
Input voltage range	108 to 132 V	
Rated frequency range	50 to 60 Hz,	
Input frequency range	49.5 to 60.5 Hz	
Rated current	0.4 A	0.7 A
Power consumption (approximate)		
Printing	13.0 W	30 W
Sleep mode	5.0 W	27 W
Powered off	0.7 W	26 W

Environmental

Temperature

Operation	50 to 95 °F (10 to 35 °C)
Storage*	-4 to 140 °F (-20 to 60 °C) 1 month at 104 °F (40 °C)
Transit*	-4 to 140 °F (-20 to 60 °C) 120 hours at 140 °F (60 °C)

Humidity (without condensation)

Operation	20 to 80% RH
Storage*	5 to 85% RH

* Stored in shipping container

Safety Approvals

Safety standards	UL 60950-1, CSA No. 60950-1
EMC	FCC part 15 subpart B class B CSA C108.8 Class B

Photo Cartridge

Colors	Black, Cyan, Magenta, Yellow, Red, and Blue
Cartridge life	6 months after opening package, at 77 °F (25 °C)
Storage temperature	-4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C)
Transit temperature	-22 to 140 °F (-30 to 60 °C) 120 hours at 140 °F (60 °C)
Freezing temperature*	12.2 °F (-11 °C)
Dimensions	7.7 × 3.6 × 0.7 inches (W × D × H) 196 × 91.5 × 18.8 mm (W × D × H)

* Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).

Caution: To ensure good results, use a genuine PictureMate Photo Cartridge and do not refill it. PictureMate calculates the amount of ink remaining using an IC chip on the photo cartridge, so even if the cartridge is refilled, the IC chip will report that it is empty.

Do not use a photo cartridge if the date on the cartridge has expired.

Do not expose PictureMate or a PictureMate Photo Cartridge to heat or direct sunlight.

Loading Paper

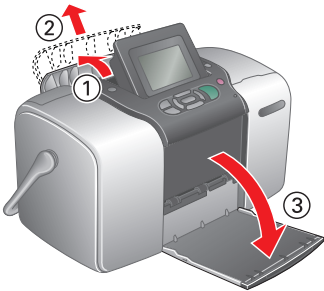
Follow these steps to load PictureMate Photo Paper.

Caution: Don't load plain paper; this could damage PictureMate.

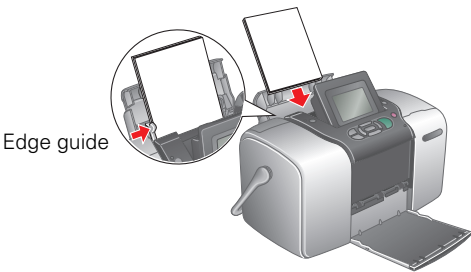
1. Move the handle to the back and down, then tilt up the photo viewer screen.



2. Open the paper support and gently slide up the top part until it clicks into place. Then open the output tray.



3. Place your paper against the right edge, glossy side up.



4. Slide the edge guide against the paper. Make sure it is snug, but not so tight that the paper is bent.

Printing

PictureMate Deluxe Viewer Edition can print photos from these devices:

- ☐ Your digital camera's memory card.
- ☐ A data storage device, such as a CD, Zip disk, or flash memory (thumb) drive. See *Using PictureMate Without a Computer* for details.
- ☐ A PictBridge- or USB DP-enabled digital camera. See *Using PictureMate Without a Computer* for details.
- ☐ A Bluetooth®-enabled device (requires an optional Bluetooth Photo Print adapter). See *Using PictureMate Without a Computer* for details.
- ☐ Your computer. See *Using PictureMate With a Computer* and the on-screen *User's Guide* (included on your PictureMate CD) for details.

Make sure your image files meet these requirements:

- ☐ JPEG files or uncompressed Tiff files only
- ☐ The file storage device should comply with DCF (Design rule for Camera File systems) Version 1.0
- ☐ Resolutions ranging from 80 × 80 to 4600 × 4600 pixels

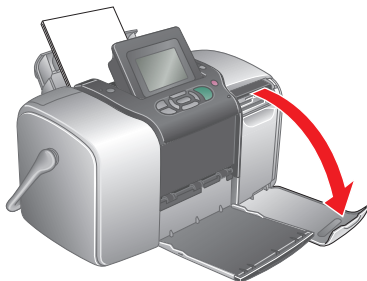
Note: PictureMate does not support progressive-scan JPEG or RAW images.

PictureMate recognizes and prints the first 999 photos on your memory card or device.

Inserting a Memory Card

Note: Insert just one card at a time. The card does not go in all the way.

1. Press the  On button to turn on PictureMate.
2. Open the memory card door.



3. Insert the memory card into one of the three slots.

Top:



SmartMedia™



xD Picture Card™
xD Picture Card Type M

Middle:



Memory Stick®
Memory Stick Duo™*
Memory Stick PRO™
Memory Stick PRO Duo™*
MagicGate™ Memory Stick
MagicGate Memory Stick Duo™



SD (Secure Digital)
MMC™ (MultiMediaCard™)
miniSD™ card**

Bottom:



CompactFlash® or Microdrive™

- * Requires Memory Stick Duo adapter
- ** Requires miniSD adapter

4. Push the card in carefully until it stops (it won't go in all the way). When it is in, the card light comes on.



5. Close the memory card door.

Removing a Memory Card

Make sure the card light is not flashing, then pull the card straight out of the slot.

Caution: Do not remove a card while the card light is flashing; you may lose photos on your card.

Saving Power

When PictureMate is not in use, the photo viewer screen goes dark after 13 minutes. Press any button to turn it back on.

When it is powered by the battery, PictureMate turns off automatically after 15 minutes if it is not being used. Press the  On button to turn it back on.

Choosing Photos to Print

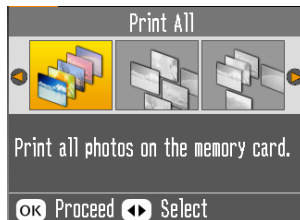
PictureMate's photo viewer screen makes it easy to select the photos you want to print.



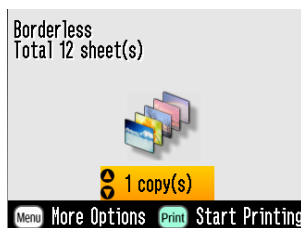
Note: When you press the **Print** button, PictureMate shows you a screen confirming the number of copies and layout. If you don't want to see the confirmation screen each time you print, you can turn it off. See *Using PictureMate Without a Computer* for instructions.

Printing All Photos

When you turn on PictureMate, you see the photo selection menu on the screen. The red or orange bar at the top of the screen indicates the currently selected option.



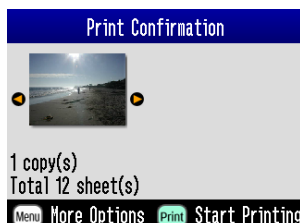
1. Make sure **Print All** is highlighted, then press the **OK** button.



2. If you want more than 1 copy of each picture, press the Δ or ∇ button to select the number of copies.

You can also press the **Menu** button to adjust settings if necessary.

3. Press the **Print** button. You see the Print Confirmation:



You can press $\triangleleft$ or $\triangleright$ to review your photos. If you change your mind, press the **Back** button.

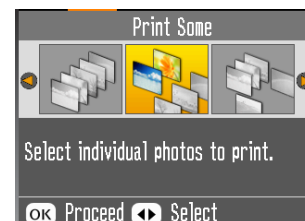
4. Make sure you have enough paper loaded, then press **Print** again to start printing.

Note: If your card has more than 20 photos, you will need to reload paper while printing. Load a maximum of 20 sheets at a time. When you see a message that paper is out, load more paper and press **OK** to continue printing. If you need to cancel printing, press **Cancel**.

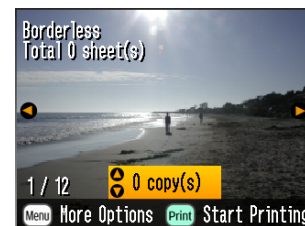
Printing Individual Photos

You can easily view the photos on your memory card and select just the ones you want to print.

1. At the photo selection menu, press the $\triangleleft$ or $\triangleright$ button to highlight **Print Some**.



2. Press the **OK** button. You see the first photo on your memory card:



3. Press $\triangleleft$ or $\triangleright$ to view the photos you want to print.

Note: To view 9 photos at a time, press the $\otimes$ button. Then press $\triangleleft$ or $\triangleright$ to select the photos you want.

4. When you see a photo that you want, press Δ or ∇ to choose the number of copies to print.



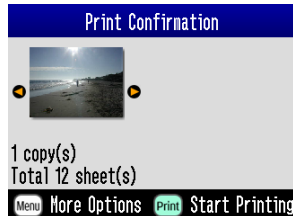
You see a blue box around your photo, indicating the area that will print. If you want to adjust this area, press the $\otimes$ button. Then press Δ or ∇ to move the box. Press **OK**, then press **OK** again.

If you want to adjust the brightness, saturation, or sharpness of the photo, press the **Menu** button.

- Repeat steps 3 and 4 for all the photos you want to print.

You can press the **Menu** button to adjust settings for all selected photos.

- Press the **Print** button. You see the Print Confirmation:



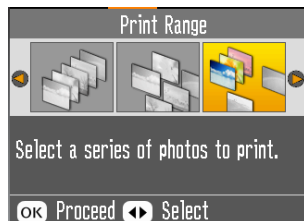
You can press $\triangleleft$ or $\triangleright$ to review the photo or photos you have selected. If you change your mind, press **Back**.

- Make sure you have enough paper loaded, then press **Print** again to start printing.

Printing a Range of Photos

You can choose a range (or sequence) of consecutive photos from your camera's memory card (for example, photos 7 through 12). Selecting a range is convenient because you don't have to choose each individual photo.

- At the photo selection menu, press the $\triangleleft$ or $\triangleright$ button to highlight **Print Range**.

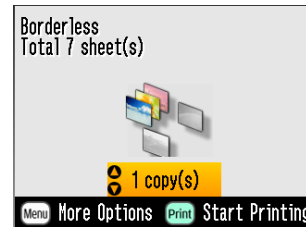


- Press the **OK** button. You see thumbnail images of your photos:



- Press $\triangleleft$ or $\triangleright$ to choose the first photo you want to print, then press **OK**. The photo outline changes from orange to blue.
- Press $\triangleleft$ or $\triangleright$ to choose the last photo you want to print. All of your selected photos have blue outlines.

- Press **OK**.



- Press $\triangle$ or ∇ to select the number of copies you want for each photo.

Note: The number you select will apply to all photos in the range.

If you want to adjust any settings, press the **Menu** button.

- Press **Print**. You see the Print Confirmation.
- Make sure you have enough paper loaded, then press **Print** to start printing.

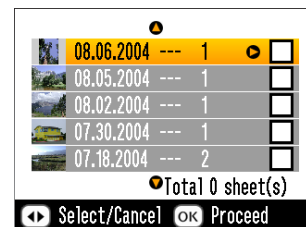
Printing Photos by Date

You can print photos taken on specific dates. If you have a lot of photos on your memory card, this makes it easier to find the ones you want.

- At the photo selection menu, press the $\triangleleft$ or $\triangleright$ button to highlight **Print by Date**.

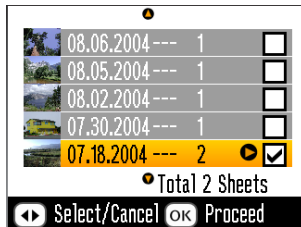


- Press the **OK** button. You see a list of dates, and a small image of one photo taken on that date:



- Press $\triangle$ or ∇ to highlight the date you want, then press $\triangleright$ to select the date.

A checkmark appears in the box for the date you selected. If you want to cancel your selection, press <.



4. After you have selected all the dates you want, press OK.
5. Press < or > to view the photos taken on the date or dates you selected.
6. Press Δ or ∇ to select the number of copies.
If you want to adjust any other settings, press the **Menu** button. Any settings you change will apply to all the photos you have selected.
7. Press **Print**. You see the Print Confirmation.
8. Make sure you have enough paper loaded, then press **Print** again to start printing.

Adding Fun Disney Frames to Your Photos

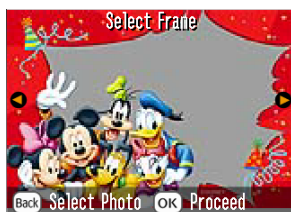
PictureMate includes a selection of 15 different Disney® character frames and two classic frames to choose from.

Note: All frames are designed to work with horizontal or “landscape” oriented photos.

1. At the photo selection menu, press the < or > button to highlight **Add Frame**.



2. Press the OK button. You see the first photo on your memory card.
3. Press < or > to select the photo you want to print in a frame. Then press OK. You see the first Disney frame:



4. Press < or > to select the frame you want to use. Then press OK. You see your photo in the frame you selected:



- ☐ If you want to select a different frame, press **Back** and repeat step 3.
 - ☐ If your photo doesn't quite fit in the frame, you can crop it and adjust the picture area. Press **Back** twice, then press the button and crop your photo.
5. Press Δ or ∇ to select the number of copies.
If you want to fix your photo or change it to black and white or sepia, press the **Menu** button.
 6. Press the **Print** button. You see the Print Confirmation.
 7. Make sure you have enough paper loaded, then press **Print** again.

Viewing a Slideshow of Your Photos

You can have PictureMate display all the photos on your card one by one.

1. At the photo selection menu, press the < or > button to highlight **Play Slideshow**.



2. Press the OK button.

After a few moments, the slideshow begins. PictureMate displays all the photos on the memory card, then returns to the photo selection menu.

- ☐ If you want to pause the slideshow at any time, press OK. Press OK again to continue.
- ☐ If you want to stop the slideshow, press **Back** or **Cancel**.

Doing More With Your Photos

You can use the  button to crop your photos or zoom in for a closer look. You can use the  button to zoom out.

By pressing the **Menu** button, you can do the following:

- ☐ Choose from a variety of layouts
- ☐ Print the time or date on your photos
- ☐ Print in black and white or sepia
- ☐ Fix photos that are too light or dark

See *Using PictureMate Without a Computer* for more information.

Storing and Displaying PictureMate Prints

Photos printed on PictureMate Photo Paper will give you beautiful, long lasting images. Follow these guidelines to ensure they will look great for years.

Store Your Prints

- ☐ To avoid scratches or smudging, do not rub the printed side of the photo.
- ☐ If you stack photos, do not stack them with the printed sides touching.

Display Your Prints

- ☐ To ensure prints will last as long as possible, store them under glass in frames or in photo albums.
- ☐ Keep prints out of direct sunlight to prevent fading.
- ☐ Let prints sit for 24 hours before framing.

Store Unused Paper

Return unused paper to the original package. Store paper away from extreme temperatures, high humidity, and bright light.

Replacing Ink

When PictureMate is low on ink or you are out of paper, it is time to buy a new PictureMate Print Pack (includes a PictureMate Photo Cartridge and PictureMate photo paper) and replace the Photo Cartridge.

Tip: You can check the ink level at any time (see the *Using PictureMate Without a Computer* book).

Caution: Refilling the photo cartridge could result in damage to PictureMate from ink spills.

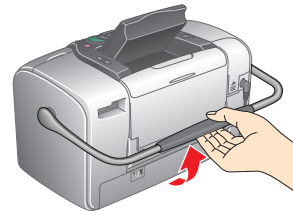
Note: Use your PictureMate Photo Cartridge within six months of installing it and before the expiration date on the cartridge. For PictureMate Photo Paper storage and handling tips, see the previous section.

Removing the Used Photo Cartridge

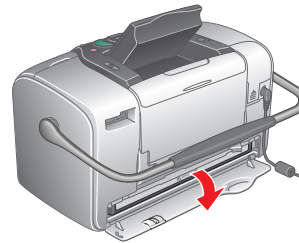
Make sure you have a new PictureMate Photo Cartridge before you begin. Once you start replacing a cartridge, you must complete all the steps in one session.

Caution: Before you replace the cartridge, read the "Photo Cartridge Safety Instructions" in the *Using PictureMate Without a Computer* book.

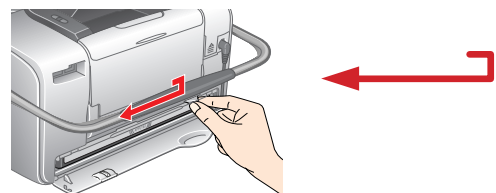
1. Make sure PictureMate is on, but not printing.
2. Close the paper support.
3. Lift up the handle.



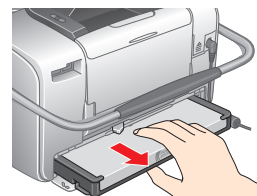
4. Open the cartridge door on the back of PictureMate.



5. Move the photo cartridge lever to the **Release** position by sliding it in the direction shown. This releases the cartridge.



6. Carefully pull out the cartridge.

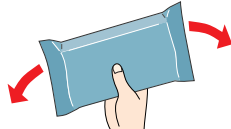


Warning: Keep ink cartridges out of the reach of children and do not drink the ink.

If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them thoroughly with water. If discomfort or vision problems continue after flushing, see a doctor immediately.

Inserting the New Photo Cartridge

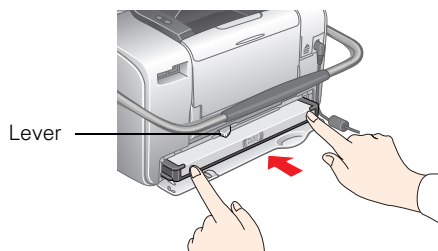
1. Shake the cartridge four or five times while it is still wrapped in its packaging.



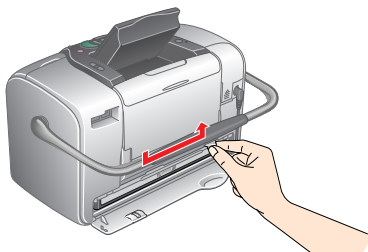
2. Unwrap the cartridge.

Caution: Don't touch the green circuit board. Install the photo cartridge immediately after you remove it from its package. If you leave a cartridge unpacked for a long time before using it, normal printing may not be possible.

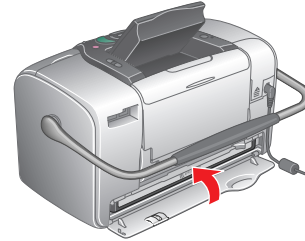
3. Make sure the lever is moved to the left before you insert the cartridge, then carefully slide the cartridge, label side up, into the slot.



4. Push in both sides of the cartridge evenly to make sure it is not crooked. It won't go in all the way.
5. Move the lever to the **Lock** position by sliding it in the direction shown.



6. Close the cartridge door. Make sure it snaps shut.



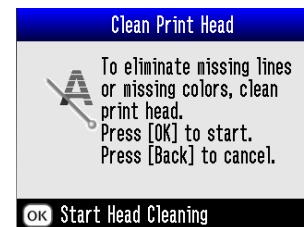
7. Lower the handle.

Cleaning the Print Head

If your print quality is not as good as it used to be, if your photos are too light, or if they are missing colors or have lines running through them, PictureMate's print head nozzles may be clogged.

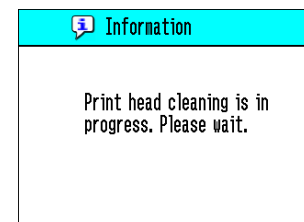
Follow these steps to clean the print head:

1. Press the **Menu** button.
2. Press Δ or ∇ to highlight **Maintenance**.
3. Press $\triangleright$ to open the Maintenance menu.
4. Make sure **Clean Print Head** is selected, then press $\triangleright$. You see this message:



5. Press **OK** to begin cleaning the print head.

The cleaning process takes about 40 seconds. PictureMate makes some noise, and you see the following message on the screen:



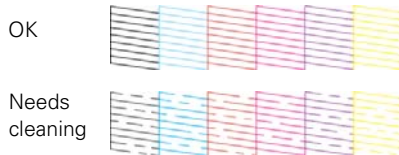
Caution: Never turn off PictureMate while it is cleaning its print head, unless it hasn't moved or made noise for more than 5 minutes.

When cleaning is complete, you see a message asking if you want to print a nozzle check pattern.

- To make sure the nozzles are clean, load a sheet of photo paper, then press **OK**.

Caution: Don't use plain paper; this could damage PictureMate.

- When you see the message, press **Print** to print the nozzle check.
- Check the pattern to see if there are any gaps in the lines.



- If there are no gaps, press **Back** to go back to the Maintenance menu.

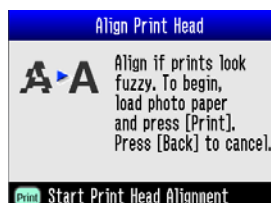
If there are gaps, press **OK** to clean the print head again. You may need to clean it two or three times before the nozzles are cleared.

You can also turn PictureMate off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

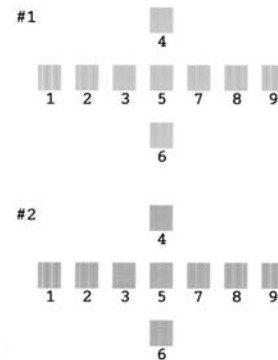
Aligning the Print Head

If you have moved PictureMate and print quality is not as good as it was before—for example, you see misaligned vertical lines or light or dark horizontal banding—you may need to align the print head.

- Press the **Menu** button.
- Press Δ or ∇ to highlight **Maintenance**, then press $\triangleright$ to open the Maintenance menu.
- Press Δ or ∇ to select **Align Print Head**, then press $\triangleright$. You see this message:



- Press the **Print** button. The following alignment patterns are printed:



- Look at the printed squares to determine which one in each set is the most even, with no streaks or lines. (You may need to use a magnifying glass.)
- Press $\triangleleft$ or $\triangleright$ to highlight the number for the best square (1 to 9) in set #1. Then press ∇ to move to #2.
- Press $\triangleleft$ or $\triangleright$ to highlight the number for the best pattern (1 to 9) in set #2.
- After you have entered the number for the best square in each set, press **OK**. PictureMate aligns the print head and displays a message when alignment is done.

Note: The numbers that you enter become the default settings (#5) the next time you align the print head.

- Press **OK** or **Back** to return to the Maintenance menu.

Taking PictureMate With You

The handle on PictureMate makes it easy to carry PictureMate short distances (from one room to the next, for example). If you take your PictureMate a longer distance, you should pack it carefully to make sure it isn't damaged.



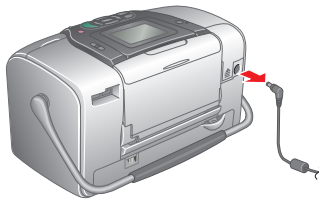
Caution: To avoid damaging your PictureMate, keep it out of the sun and don't leave it in your car or other location where it can get too hot.

- If PictureMate is on, press **On** to turn it off.
- Wait until the LCD screen goes blank, then unplug the power cord from the outlet.
- Remove paper from the paper support and output tray.

4. Push down the top of the paper support and close it against PictureMate. Then lower the photo viewer screen and close the output tray.



5. Disconnect the power cord and any connected USB cable from the back of PictureMate.



6. Pack PictureMate and its power cable (both parts) into the box that PictureMate came in, or in the optional PictureMate Carrying Case.

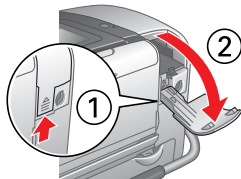
Caution: Make sure the photo cartridge is installed before transporting. Don't place PictureMate on its side or upside down, or ink may leak.

Note: If your prints don't look as good after PictureMate has been moved, try aligning the print head (see page 9).

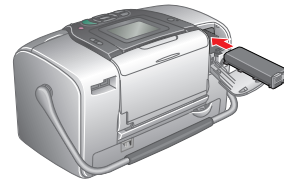
Using the Optional Battery

With a fully charged battery, you can print from 50 to 80 photos. Follow these steps to install the optional battery.

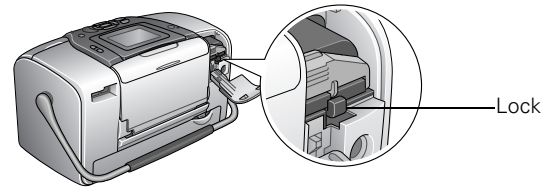
1. Turn the printer off and unplug the AC adapter.
2. Open the battery cover on the back of the printer.



3. Slide in the battery as shown until it clicks into place:



4. Make sure the battery is pushed in all the way so that it locks into place as shown:



5. Close the battery cover.

After you install the battery, you need to charge it by connecting the AC adapter and plugging in the printer. It takes about 2 hours to fully charge the battery when PictureMate is off, and longer when it is in use.

Related Documentation

CPD-19365	PictureMate <i>Start Here</i>
CPD-19367	<i>Using PictureMate Without a Computer</i> book
CPD-19430	<i>Using PictureMate With a Computer</i> book
CPD-19366	PictureMate Deluxe Viewer Edition CD-ROM with electronic <i>User's Guide</i>